AMENDMENTS TO THE CLAIMS

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Claim 1.   (currently amended) An information processing apparatus comprising:

a motion detector for detecting motion vectors for a plurality of predetermined

blocks within each frame of said image signal to be displayed by a display device;

a generator for generating a motion control signal corresponding to each

frame of said image signal ~~in accordance with~~by calculating said motion vectors; and

~~a delay unit for delaying the display of a frame of said image signal by said~~

~~display device until the corresponding motion control signal is generated; and~~

a driving device for driving an object in accordance with said motion control

signal, whereby the movement of the driven object ~~corresponds to motion within the~~

~~displayed frame of said image signal~~is controlled by the motion control signal in a

manner simulating motion to the object.

Claims 2-3.   (canceled)

Claim 4.   (previously amended) An information processing apparatus according

to claim 1, wherein said generator generates, as said motion control signal, a horizontal

component, a vertical component, a magnification component, and a rotation component in

accordance with said motion vectors.

Claim 5.   (canceled)

Claim 6.   (previously amended) An information processing apparatus according to claim 1, wherein a chair is provided as said object, and said driving device comprises an actuator for moving said chair.

Claim 7.   (canceled)

Claim 8.   (original) An information processing apparatus according to claim 1, wherein said motion control signal contains a plurality of components.

Claim 9.   (canceled)

Claim 10.   (currently amended) An information processing method comprising the steps of:

detecting motion vectors for a plurality of predetermined blocks within each frame of said image signal to be displayed by a display device;

generating a motion control signal corresponding to each frame of said image signal by calculating in accordance with said motion vectors; and

delaying the display of a frame of said image signal by said display device until the corresponding motion control signal is generated; and

driving an object in accordance with said motion control signal, whereby the movement of the driven object is controlled by the motion control signal in a manner simulating motion to the object corresponds to motion within the displayed frame of said image signal.

Claims 11-12. (canceled)

Claim 13.   (previously amended)   An information processing method according to claim 10, wherein, in said generating step, as said motion control signal, a horizontal component, a vertical component, a magnification component, and a rotation component are detected in accordance with said motion vectors.

Claim 14.   (canceled)

Claim 15.   (original) An information processing apparatus according to claim 10, wherein said motion control signal contains a plurality of components.

Claim 16.   (canceled)

Claim 17.   (currently amended) A storage medium storing a computer-controllable program, said program comprising the steps of:

detecting motion vectors for a plurality of predetermined blocks within each frame of said image signal to be displayed by a display device;

generating a motion control signal corresponding to each frame of said image signal by calculating in accordance with said motion vectors; and

delaying the display of a frame of said image signal by said display device until the corresponding motion control signal is generated; and

driving an object in accordance with said motion control signal, whereby the

movement of the driven object is controlled by the motion control signal in a manner

simulating motion to the object~~corresponds to motion within the displayed frame of~~

~~said image signal~~.

Claims 18-19. (canceled)

Claim 20.   (previously amended) A storage medium according to claim 17,

wherein, in said generating step, as said motion control signal, a horizontal component, a

vertical component, a magnification component, and a rotation component are detected in

accordance with said motion vectors.

Claim 21.   (canceled)

Claim 22.   (original) An information processing apparatus according to claim 17,

wherein said motion control signal contains a plurality of components.

Claim 23.   (canceled)